

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E70656

Participation : CTR

Employer : City of Tacoma

Status : Affected

Worksite : City of Tacoma - Environmental Services

Survey Type : Online

Street : 2201 E Portland Ave

Response Rate : 74%

Jurisdiction : City of Tacoma

Survey Date : 5/17/2018

### Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 26.5%

Drive Alone Rate : 73.5%

One-Way VMT per employee : 11.6

Average One-Way distance home to work : 15.3

### Employees and Survey Response Information

Reported Total Employees at Worksite: 294

Surveys Distributed : 294

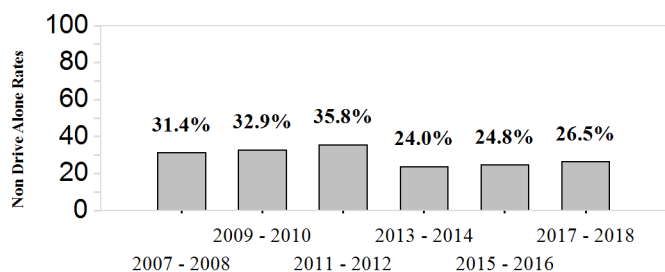
Surveys Returned : 217

Surveys Returned by CTR Affected\* Employees : 207

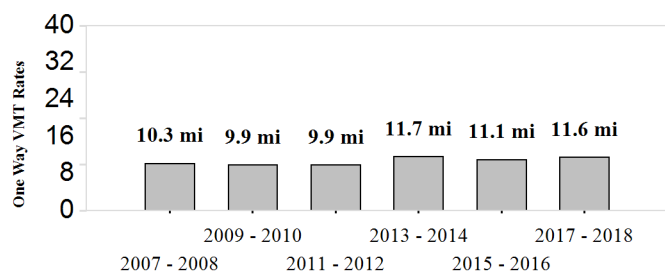
Total Estimated CTR Affected Employees at Worksite : 280

\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

### Annual Metric Tons CO2e Pounds CO2e

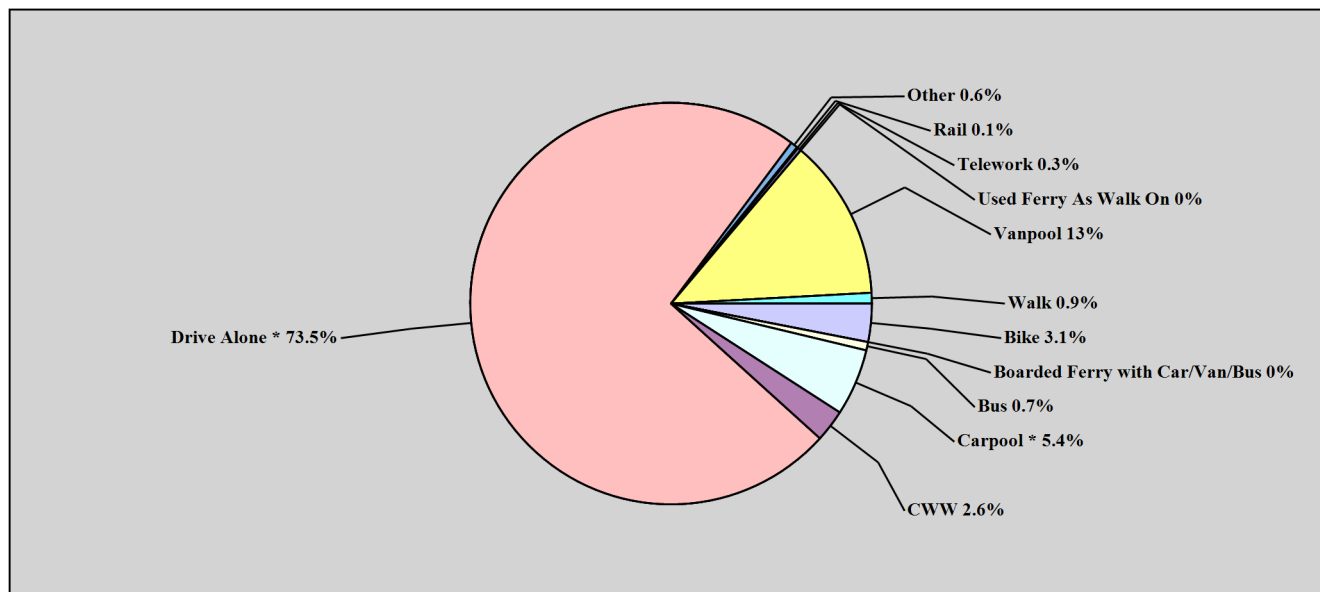
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	31.4%	31.2%	286	484	14.5	10.3	9.8
2009 - 2010	32.9%	32.0%	467	531	15.9	9.9	10.1
2011 - 2012	35.8%	35.2%	369	649	19.5	9.9	10.1
2013 - 2014	24.0%	24.1%	542	766	23.0	11.7	11.5
2015 - 2016	24.8%	23.7%	475	605	18.1	11.1	11.1
2017 - 2018	26.5%	26.1%	537	727	21.8	11.6	11.7
Target	37.4%				Target:	8.4	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-4.9				% Change from Baseline:	12.6%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



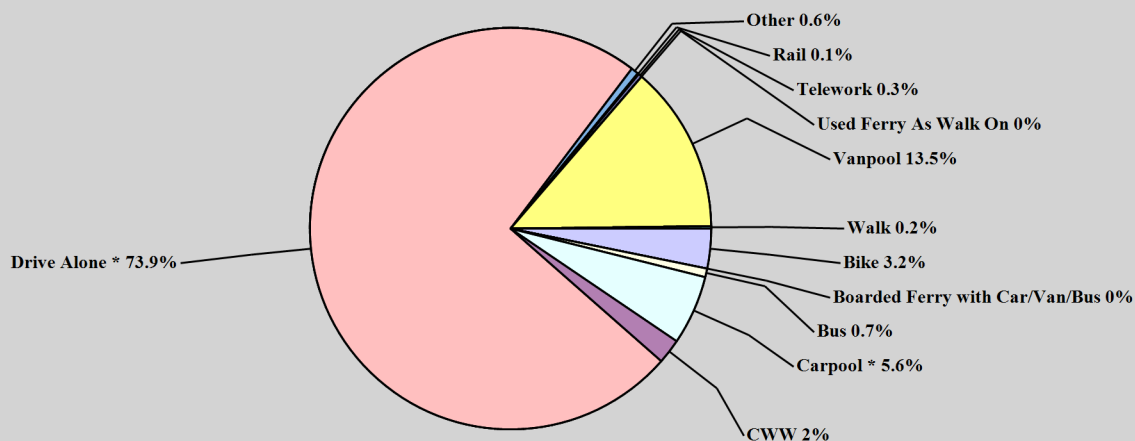
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	766	73.5%	75.2%	178	82.0%	84.5%
Carpool *	56	5.4%	4.4%	15	6.9%	6.8%
Vanpool	135	13.0%	11.5%	29	13.4%	14.5%
Bus	7	0.7%	1.1%	3	1.4%	1.4%
Rail	1	0.1%	0.4%	1	0.5%	0.5%
Bike	32	3.1%	2.6%	12	5.5%	3.9%
Walk	9	0.9%	0.6%	3	1.4%	0.5%
Telework	3	0.3%	0.2%	3	1.4%	1.0%
CWW	27	2.6%	3.6%	19	8.8%	12.1%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	6	0.6%	0.4%	2	0.9%	0.5%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	740	73.9%	76.3%	171	82.6%	86.0%
Carpool *	56	5.6%	4.9%	15	7.2%	7.5%
Vanpool	135	13.5%	11.2%	29	14.0%	14.5%
Bus	7	0.7%	0.7%	3	1.4%	1.1%
Rail	1	0.1%	0.4%	1	0.5%	0.5%
Bike	32	3.2%	2.0%	12	5.8%	3.2%
Walk	2	0.2%	0.7%	2	1.0%	0.5%
Telework	3	0.3%	0.2%	3	1.4%	1.1%
CWW	20	2.0%	3.2%	18	8.7%	12.4%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	6	0.6%	0.4%	2	1.0%	0.5%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	140	65%	217	100%
<b>1 Days</b>	16	7%	77	35%
<b>2 Days</b>	8	4%	61	28%
<b>3 Days</b>	8	4%	53	24%
<b>4 Days</b>	11	5%	45	21%
<b>5 Days</b>	30	14%	34	16%
<b>6 or More Days</b>	4	2%	4	2%

**Count by Occupancy of Carpools and Vanpools**

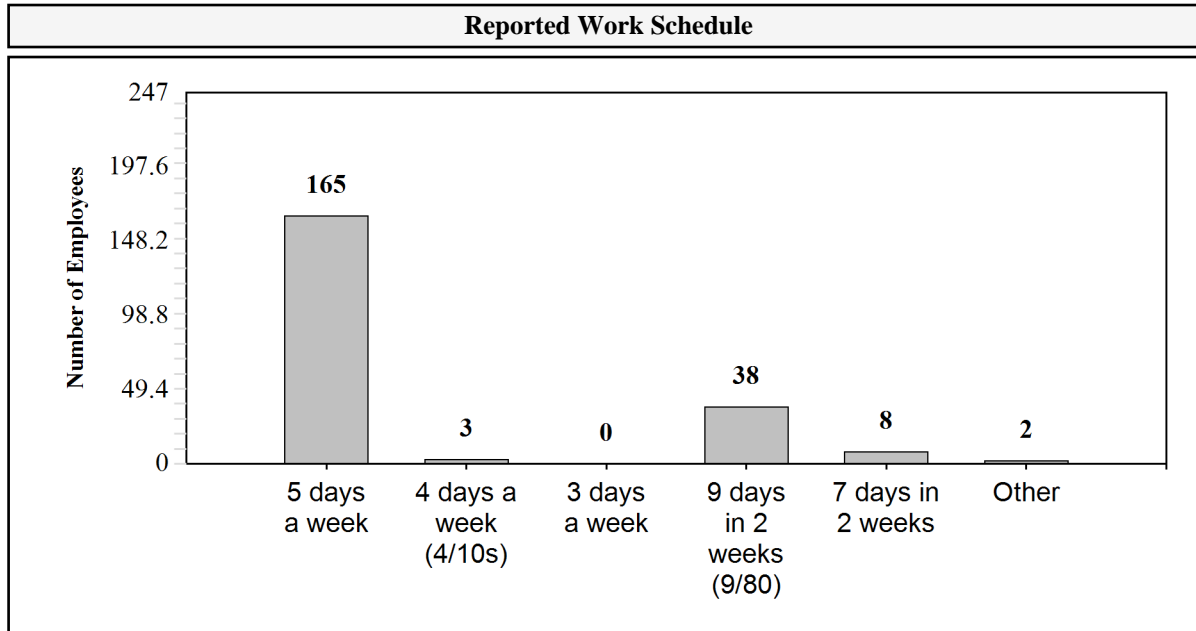
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	56
<b>3</b>	Carpool	0
<b>4</b>	Carpool	0
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	0
<b>&lt;5</b>	Vanpool	54
<b>5</b>	Vanpool	44
<b>6</b>	Vanpool	22
<b>7</b>	Vanpool	15
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

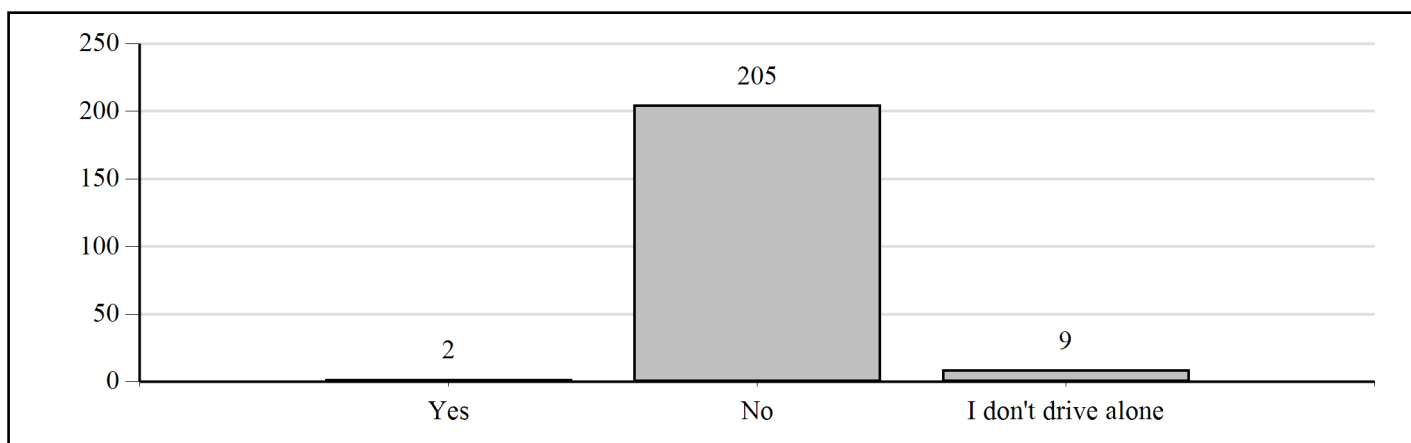
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	165	76.4%
4 days a week (4/10s)	3	1.4%
3 days a week	0	0%
9 days in 2 weeks (9/80)	38	17.6%
7 days in 2 weeks	8	3.7%
Other	2	0.9%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	189	87.1%
Occasionally, on an as-needed basis	24	11.1%
1-2 days/month	3	1.4%
1 day/week	1	0.5%
2 days/week	0	0.0%
3 days/week	0	0.0%

**Reasons for driving alone to work/not driving alone to work**
**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	89	20.0%
Environmental and community benefits	73	16.4%
Free or subsidized bus, train, vanpool pass or fare benefit	62	13.9%
Personal health or well-being	52	11.7%
Other	42	9.4%
Financial incentives for carpooling, bicycling or walking.	37	8.3%
Driving myself is not an option	20	4.5%
To save time using the HOV lane	17	3.8%
I have the option of teleworking	16	3.6%
Emergency ride home is provided	16	3.6%
Preferred/reserved carpool/vanpool parking is provided	12	2.7%
Cost of parking or lack of parking	8	1.8%
I receive a financial incentive for giving up my parking space	2	0.4%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I like the convenience of having my car	132	24.4%
Riding the bus or train is inconvenient or takes too long	127	23.5%
Family care or similar obligations	100	18.5%
My commute distance is too short	55	10.2%
Other	55	10.2%
Bicycling or walking isn't safe	48	8.9%
My job requires me to use my car for work	14	2.6%
I need more information on alternative modes	7	1.3%
There isn't any secure or covered bicycle parking	3	0.6%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98407	15	6.91%	50	0	13	0	0	0	8	0	0	1	0	0	0
98406	14	6.45%	51	1	0	1	2	0	6	0	0	1	0	0	0
98466	13	5.99%	55	0	10	0	0	0	0	0	0	2	0	0	0
98405	11	5.07%	39	1	0	0	0	0	9	1	0	2	0	0	0
98374	9	4.15%	30	4	9	0	0	0	0	0	0	1	0	0	0
98445	9	4.15%	26	6	0	5	0	0	1	1	0	0	0	0	5
98387	7	3.23%	31	0	0	0	0	0	0	0	0	0	0	0	0
98467	7	3.23%	35	0	0	0	0	0	0	0	0	0	0	0	0
98371	6	2.76%	19	10	3	0	0	0	0	0	0	0	0	0	0
98391	6	2.76%	24	0	0	0	0	0	0	0	0	0	0	0	0
98403	6	2.76%	20	0	0	0	0	0	8	0	1	1	0	0	0
98338	5	2.30%	14	0	11	1	0	0	0	0	0	0	0	0	0
98373	5	2.30%	16	0	5	0	0	0	0	0	1	1	0	0	0
98408	5	2.30%	10	10	5	0	0	0	0	0	0	0	0	0	0
98409	5	2.30%	20	0	6	0	0	0	0	0	0	0	0	0	0
98465	5	2.30%	19	5	0	0	0	0	0	0	0	1	0	0	0
98329	4	1.84%	13	5	3	0	0	0	0	0	0	1	0	0	0
98332	4	1.84%	11	0	7	0	1	0	0	0	0	1	0	0	0
98375	4	1.84%	20	0	0	0	0	0	0	0	0	0	0	0	0
98443	4	1.84%	18	0	4	0	0	0	0	0	0	0	0	0	0
98444	4	1.84%	9	0	5	0	0	0	0	0	0	0	0	0	0
98498	4	1.84%	21	0	0	0	0	0	0	0	0	0	0	0	0
98580	4	1.84%	15	0	5	0	0	0	0	0	0	0	0	0	0
98328	3	1.38%	5	9	0	0	0	0	0	0	0	0	0	0	1
98335	3	1.38%	10	0	4	0	0	0	0	0	0	0	0	0	0
98402	3	1.38%	13	0	0	0	0	0	0	0	0	1	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98404	3	1.38%	15	0	0	0	0	0	0	0	0	0	0	0	0
98446	3	1.38%	10	0	5	0	0	0	0	0	0	0	0	0	0
98501	3	1.38%	10	0	5	0	0	0	0	0	0	0	0	0	0
98512	3	1.38%	9	5	0	1	0	0	0	0	0	0	0	0	0
98367	2	0.92%	5	0	5	0	0	0	0	0	0	0	0	0	0
98388	2	0.92%	5	0	0	0	0	0	0	0	0	0	0	0	0
98390	2	0.92%	10	0	0	0	0	0	0	0	0	0	0	0	0
98418	2	0.92%	5	0	0	0	0	0	0	0	0	0	0	0	0
98422	2	0.92%	8	0	0	0	0	0	0	0	0	1	0	0	0
98524	2	0.92%	7	0	0	2	0	0	0	0	1	0	0	0	0
98597	2	0.92%	3	0	5	0	0	0	0	0	0	0	0	0	0
89528	1	0.46%	0	0	5	0	0	0	0	0	0	0	0	0	0
98002	1	0.46%	4	0	0	0	0	0	0	0	0	3	0	0	0
98022	1	0.46%	5	0	0	0	0	0	0	0	0	0	0	0	0
98023	1	0.46%	5	0	0	0	0	0	0	0	0	0	0	0	0
98038	1	0.46%	4	0	0	0	0	0	0	0	0	1	0	0	0
98042	1	0.46%	5	0	0	0	0	0	0	0	0	0	0	0	0
98092	1	0.46%	0	0	0	0	0	0	0	0	0	0	0	0	0
98102	1	0.46%	5	0	0	0	0	0	0	0	0	0	0	0	0
98103	1	0.46%	0	0	0	0	4	1	0	0	0	0	0	0	0
98136	1	0.46%	4	0	0	0	0	0	0	0	0	1	0	0	0
98166	1	0.46%	5	0	0	0	0	0	0	0	0	0	0	0	0
98178	1	0.46%	4	0	0	0	0	0	0	0	0	1	0	0	0
98198	1	0.46%	4	0	0	0	0	0	0	0	0	0	0	0	0
98311	1	0.46%	0	0	0	0	0	0	0	0	0	7	0	0	0
98349	1	0.46%	0	0	0	0	0	0	0	0	0	0	0	0	0
98354	1	0.46%	5	0	0	0	0	0	0	0	0	0	0	0	0
98370	1	0.46%	0	0	5	0	0	0	0	0	0	0	0	0	0
98372	1	0.46%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98394	1	0.46%	4	0	0	0	0	0	0	0	0	0	0	0	0
98421	1	0.46%	0	0	0	0	0	0	0	7	0	0	0	0	0
98424	1	0.46%	5	0	0	0	0	0	0	0	0	0	0	0	0
98499	1	0.46%	7	0	0	0	0	0	0	0	0	0	0	0	0
98502	1	0.46%	0	0	5	0	0	0	0	0	0	0	0	0	0
98503	1	0.46%	0	0	5	0	0	0	0	0	0	0	0	0	0
98513	1	0.46%	0	0	5	0	0	0	0	0	0	0	0	0	0
98584	1	0.46%	4	0	0	0	0	0	0	0	0	0	0	0	0